

## PATENT ATTORNEY DOCKET NO. 046124-5362

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of:          | ) |
|--------------------------------|---|
| Tomonori KAWAKAMI et al.       | ) |
| Application No.: 10/525,654    | ) |
| Filed: 09/16/05                | ) |
| Title: NANOPARTICLE PRODUCTION |   |

Title: NANOPARTICLE PRODUCTION METHOD AND NANOPARTICLE PRESERVATION METHOD

Commissioner for Patents U.S. Patent and Trademark Office Alexandria, VA 22314

Sir:

## SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY AND GRANT OF NEW POWER OF ATTORNEY

Enclosed is a copy of the Revocation of Original Power of Attorney and Grant of New Power of Attorney by the Assignee.

If there is any fee due in connection with the filing of this paper, please charge the fee to our Deposit Account No. 50-0573.

Respectfully submitted,

DRINKER, BIDDLE & REATH LLP

Dated: March 14, 2006

By:

Peter J. Sistane

Registration No. 48,183

CUSTOMER NO. 55694 DRINKER, BIDDLE & REATH LLP

1500 K Street, N.W., Suite 1100 Washington, D.C. 20005-1209

Tel: (202) 842-8800 Fax: (202) 842-8465



Assignee: HAMAMATSU PHOTONICS K.K.

Commissioner for Patents Washington, D.C. 20231

## REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), HAMAMATSU PHOTONICS K.K., a Japanese corporation, certifies that it is an assignee of the patent applications and issued patents identified in the following chart by virtue of respective Assignment documents for each listed application and patent from the inventor(s) to HAMAMATSU PHOTONICS K.K. submitted to the U.S. Patent and Trademark Office. Assignment recordation and reel/frame number information are also provided.

| Filing   | Attorney       | Application | Patent No.      | Issue Date      | Recordation Info.     |
|----------|----------------|-------------|-----------------|-----------------|-----------------------|
| Date     | Docket<br>No.  | No.         | (if applicable) | (if applicable) | Date; Reel/Frame      |
| 06/22/00 | 046124-5029    | 09/598,990  | 6,531,821       | 03/11/03        | 06/22/00; 010896/0411 |
| 07/28/00 | 046124-5036    | 09/628,446  | 6,392,282       | 05/21/02        | 07/28/00; 010988/0907 |
| 06/15/01 | 046124-5077    | 09/880,940  | 6,483,269       | 06/15/01        | 06/15/01; 011905/0325 |
| 04/02/04 | 046124-5096-02 | 10/816,181  | 6,943,957       | 09/13/05        | 08/23/04; 015718/0936 |
| 05/09/02 | 046124-5131    | 10/141,415  | 6,639,727       | 11/28/03        | 05/09/02; 012895/0018 |
| 06/11/03 | 046124-5223    | 10/450,110  |                 |                 | 06/11/03; 014527/0253 |
| 09/12/05 | 046124-5223-01 | 11/222,934  |                 |                 | 06/11/03; 014527/0253 |
| 07/21/04 | 046124-5226    | 10/466,336  |                 |                 | 07/21/04; 016901/0146 |
| 11/24/03 | 046124-5254    | 10/719,062  |                 |                 | 05/11/04; 015318/0481 |
| 06/15/04 | 046124-5256    | 10/479,341  |                 |                 | 06/15/04; 015526/0745 |
| 11/10/04 | 046124-5258    | 10/984,748  | ·               |                 | 11/10/04; 015990/0717 |
| 07/26/04 | 046124-5262    | 10/482,779  |                 |                 | 07/26/04; 016091/0128 |
| 02/25/04 | 046124-5274    | 10/785,411  |                 |                 | 10/27/04; 015927/0048 |
| 02/25/04 | 046124-5275    | 10/785,412  |                 |                 | 10/27/04; 015927/0242 |
| 02/26/04 | 046124-5276    | 10/786,366  |                 |                 | 02/26/04; 015028/0160 |
| 02/27/04 | 046124-5279    | 10/787,539  |                 |                 | 12/02/04; 016036/0205 |

Assignee: HAMAMATSU PHOTONICS, K.K. Page: 2

| Filing    | Attorney<br>Docket | Application No. | Patent No.<br>(if applicable) | Issue Date<br>(if applicable)         | Recordation Info. Date; Reel/Frame |
|-----------|--------------------|-----------------|-------------------------------|---------------------------------------|------------------------------------|
| Date      | No.                | 1110.           | (II applicable)               | (ii applicable)                       | Date, Recorrame                    |
| 03/19/04  | 046124-5282        | 10/804,194      |                               |                                       |                                    |
| 03/26/04  | 046124-5285        | 10/491,110      |                               |                                       | 10/07/04; 016234/0038              |
| 10/13/04  | 046124-5291        | 10/492,818      |                               |                                       | 10/13/04; 016022/0991              |
| 04/27/04  | 046124-5293        | 10/493,845      | *                             |                                       | 10/21/04; 016023/0915              |
| 05/28/04  | 046124-5294        | 10/497,087      |                               |                                       | 05/28/04; 015834/0917              |
| 06/18/04  | 046124-5297        | 10/499,209      | ·                             |                                       | 06/18/04; 016022/0868              |
| 05/18/04  | 046124-5299        | 10/495,876      |                               |                                       | 05/18/04; 015872/0067              |
| 06/25/04  | 046124-5302        | 10/500,239      |                               |                                       | 06/25/04; 016130/0392              |
| 04/15/05  | 046124-5303        | 10/500,238      |                               |                                       | 04/20/05; 016550/0504              |
| 06/28/04  | 046124-5305        | 10/876,776      |                               |                                       | 11/29/04; 016013/0406              |
| 07/16/04  | 046124-5309        | 10/892,475      |                               |                                       | 10/28/04; 015940/0890              |
| 04/21/05  | 046124-5311        | 10/504,267      |                               |                                       |                                    |
| .04/06/05 | 046124-5313        | 10/504,979      |                               | , , , , , , , , , , , , , , , , , , , | 04/06/05; 016483/0794              |
| 09/03/04  | 046124-5314        | 10/506,508      |                               |                                       | 09/03/04; 016542/0085              |
| 09/08/04  | 046124-5316        | 10/507,011      | ,                             |                                       | 09/08/04; 016183/0012              |
| 06/28/05  | 046124-5317        | 10/507,321      |                               |                                       | 06/28/05; 017028/0008              |
| 09/10/04  | 046124-5318        | 10/507,392      |                               |                                       | 04/08/05; 016583/0722              |
| 09/17/04  | 046124-5320        | 10/508,126      |                               |                                       | 09/17/04; 016344/0289              |
| 09/21/04  | 046124-5322        | 10/508,793      |                               |                                       | 05/03/05; 016584/0370              |
| 10/20/04  | 046124-5326        | 10/968,261      |                               |                                       | 10/20/04; 015915/0893              |
| 08/16/05  | 046124-5327        | 10/510,213      |                               |                                       |                                    |
| 06/27/05  | 046124-5328        | 10/510,212      | . 3                           |                                       |                                    |
| 10/14/04  | 046124-5329        | 10/511,086      |                               |                                       | 10/14/04; 016372/0287              |
| 10/19/04  | 046124-5331        | 10/967,301      |                               |                                       | 10/19/04; 015912/0346              |
| 10/25/04  | 046124-5332        | 10/512,433      |                               |                                       |                                    |
| 12/16/04  | 046124-5333        | 10/518,234      |                               |                                       | 12/16/04; 016774/0047              |
| 10/21/04  | 046124-5334        | 10/969,319      |                               |                                       |                                    |
| 11/05/04  | 046124-5335        | 10/513,610      |                               |                                       | 11/05/04; 016443/0001              |
| 11/10/04  | 046124-5337        | 10/514,011      |                               |                                       | 11/10/04; 016697/0317              |
| 11/10/04  | 046124-5338        | 10/514,013      |                               |                                       | 11/10/04; 016414/0330              |
| 11/19/04  | 046124-5340        | 10/992,218      |                               |                                       |                                    |
| 11/19/04  | 046124-5341        | 10/515,112      |                               |                                       |                                    |

Assignee: HAMAMATSU PHOTONICS, K.K.

Page : 3

| Filing<br>Date | Attorney<br>Docket<br>No. | Application No. | Patent No.<br>(if applicable) | Issue Date<br>(if applicable)                    | Recordation Info. Date; Reel/Frame |
|----------------|---------------------------|-----------------|-------------------------------|--|------------------------------------|
| 11/24/04       | 046124-5342               | 10/515,548      |                               |  | 11/24/04; 016413/0800              |
| 02/23/05       | 046124-5343               | 29/223,909      |                               | <del>                                     </del> |                                    |
| 11/29/04       | 046124-5344               | 10/516,076      |                               | ·  | 11/29/04; 016413/0665              |
| 07/25/05       | 046124-5345               | 10/518,392      |                               |  |                                    |
| 12/22/04       | 046124-5347               | 11/018,573      |                               |  |                                    |
| 01/07/05       | 046124-5350               | 11/030,319      |                               |  | 04/27/05; 016498/0007              |
| 10/26/05       | 046124-5351               | 10/522,180      |                               |  | ·                                  |
| 01/26/05       | 046124-5352               | 11/042,345      |                               |  | 05/03/05; 016515/0331              |
| 09/12/05       | 046124-5354               | 10/522,812      |                               |  |                                    |
| 02/08/05       | 046124-5356               | 11/052,470      |                               |  | 04/27/05; 016507/0778              |
| 02/22/05       | 046124-5358               | 10/525,196      |                               |  | 02/22/05; 016897/0845              |
| 02/22/05       | 046124-5359               | 10/525,248      |                               |  | 02/22/05; 016805/0357              |
| 02/25/05       | 046124-5360               | 10/525,670      |                               |  |                                    |
| 09/16/05       | 046124-5362               | 10/525,654      |                               |  |                                    |
| 02/25/05       | 046124-5363               | 11/066,318      |                               |  | 05/03/05; 016515/0352              |
| 06/10/05       | 046124-5364               | 10/538,642      |                               |  |                                    |
| 06/06/05       | 046124-5365               | 10/537,587      |                               |  |                                    |
| 03/11/05       | 046124-5366               | 10/527,448      |                               |  |                                    |
| 03/24/05       | 046124-5368               | 10/529,060      | -                             | :  |                                    |
| 03/18/05       | 046124-5370               | 10/528,232      |                               |  | 03/18/05; 016955/0225              |
| 04/01/05       | 046124-5375               | 10/530,048      |                               |  |                                    |
| 03/31/05       | 046124-5376               | 10/529,653      |                               |  |                                    |
| 04/08/05       | 046124-5377               | 10/530,754      |                               |  |                                    |
| 04/08/05       | 046124-5378               | 10/530,756      |                               |  |                                    |
| 05/02/05       | 046124-5380               | 10/533,453      |                               |  |                                    |
| 05/02/05       | 046124-5381               | 10/533,441      |                               |  | 05/02/05; 017120/0035              |
| 04/29/05       | 046124-5382               | 10/533,116      |                               |  |                                    |
| 05/17/05       | 046124-5383               | 10/535,206      |                               |  |                                    |
| 05/25/05       | 046124-5384               | 10/536,280      |                               |  |                                    |

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Assignee: HAMAMATSU PHOTONICS, K.K.

Page: 4

Acting on behalf of the assignee, the undersigned hereby revokes all powers of attorney previously granted in these applications and patents and appoints:

Customer Number 55694
DRINKER BIDDLE & REATH LLP
1500 K Street, N.W., Suite 1100
Washington, DC 20005

with full power of substitution and revocation, to prosecute the applications and to transact all business in the United States Patent and Trademark Office connected with these patent applications and issued patents.

All correspondence regarding these applications should be sent to JOHN G. SMITH at:

Customer Number 55694
DRINKER BIDDLE & REATH LLP
1500 K Street, N.W., Suite 1100
Washington, DC 20005

Respectfully submitted,

Date: Feb. 28. 2006

(Signature) Akira UTSUYAMA

Title: Group Manager

Technology & Information Management Division

Patent Group

HAMAMATSU PHOTONICS K.K.